Wednesday, 1/4/2006 2:37:10 PM

User:

Kim Johnston

Process Sheet

Customer

: CU-DAR001 Dart Helicopters Services

Job Number **Estimate Number** : 25395A

: 10352

P.O. Number

: NA

: 1/4/2006 This Issue

Prsht Rev.

First Issue

: NA : 25089A

S.O. No. : NIA

Type

: SMALL/MED FAB

Part Number

Drawing Name

: D2280

Drawing Number

: D2280 REV D

: SPACER

Project Number **Drawing Revision**

: N/A : D

Material

AKI:

Due Date

: 1/25/2006

Qty:

40 Um:

Each

Checked & Approved By

Written By Comment

Previous Run

: Est Rev:A

New Issue

05-11-07

Additional Product

Job Number:



Seq. #:

Machine Or Operation:

Description:

1.0

6061-T6 Bar .25" x 1.0"

Comment: Qty.:

0.2975 f(s)/Unit Total: 11.8986 f(s)

Material: 6061-T6 (QQ-A-250/8) 0.25" Thick (M6061T6B0.250x1.000)Identify as D2280

Batch: MI225

SHEAR

06-02-04

J-L 06-01-04

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2.0

Comment: SHEAR

SHEAR

Cut blank: (3.400") +/-0.020"

3.0

HAAS CNC VERTICAL MACHINING #1



Comment: HAAS CNC VERTICAL MACHINING #1

1-Machine per folio D2280 and Dwg D2280

2-Deburr Then Tumble____/_

06.02.04

4.0

QC2

INSPECT PARTS AS THEY COME OFF MACHINE



Comment: INSPECT PARTS AS THEY COME OFF MACHINE

5.0

QC8

SECOND CHECK



Comment: SECOND CHECK

Epoblo2/05

Page 1

Form: rprocess

Dart Aerospace Ltd

| W/O: | | WORK ORDER CHANGES | .4 | | | | Marian I | |
|------|--|--------------------|----|----|------|-----|--------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | | Ву | Date | Qty | Approval Chief Eng | Approval QC inspector |
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| Part No: _ | PAR #: | Fault Category: | NCR: Yes No DQA: | Date: <u>ව්ය/ටට</u> |
|------------|--------|--|------------------|---------------------|
| | | ************************************** | QA: N/C Closed: | Date: |

| NCR: | | 1 | WORK ORI | DER NON-CONFORMANCE | (NCR) | | | A A A A A A A A A A A A A A A A A A A |
|------|--------------------------|-----------|----------|-----------------------------|----------------|--------------|-----------------------|---------------------------------------|
| | E STED Description of NC | | | Corrective Action Section B | | Verification | Approval Chief Eng | Approval QC Inspector |
| DATE | STEP | Section A | | | Sign & Date | Section C | | |
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NOTE: Date & initial all entries

Date: Wednesday, 1/4/2006 2:37:11 PM User: Kim Johnston **Process Sheet Drawing Name: SPACER** Customer: CU-DAR001 Dart Helicopters Services Job Number: 25395A Part Number: D2280 Job Number: Seq. #: **Machine Or Operation:** Description: HAND FINISHING1 HAND FINISHING RESOURCE #1 6.0 Comment: HAND FINISHING RESOURCE #1 Chemical Conversion Coat as per QSI 005 4.1 40 INSPECT POWDER COAT/CHEMICAL CONVERSION 7.0 QC3 Comment: INSPECT POWDER COAT/CHEMICAL CONVERSION PACKAGING RESOURCE #1 8.0 PACKAGING 1 Comment: PACKAGING RESOURCE #1 Identify and Stock Location: 9.0 DC DOCUMENT CONTROL Comment: DOCUMENT CONTROL Inspection Level 21

Job Completion



U X00223

Dart Aerospace Ltd

| W/O: | | WORK ORDER CHANGE | GES | | | | |
|----------|------|------------------------|----------|-----------|------------|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | Ву | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
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| Part No: | | PAR #: Fault Category: | NCR: Yes | No DQ | A : | Date: | |
| | | | QA: I | N/C Close | d: | Date: | |

| NCR: | | | WORK ORDI | ER NON-CONFORMAN | CE (NCR) | | | |
|------|------|-------------------|----------------------|---|----------|---------------------------|-----------------------|--------------------------|
| | | Description of NC | | Corrective Action Section B | | | | |
| DATE | STEP | Section A | Initial Chief Eng | nitial Action Description Sign & | | Verification Section C | Approval Chief Eng | Approval QC Inspector |
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NOTE: Date & initial all entries

| DART AEROSPACE LTD | Work Order: | 25395 A |
|-------------------------------|--------------|-------------|
| | | |
| Description: Spacer | Part Number: | D2280 |
| Inspection Dwg: D2280 Rev: C1 | | Page 1 of 1 |

FIRST ARTICLE INSPECTION CHECKLIST

| X First Article | Prototype |
|-----------------|-----------|
|-----------------|-----------|

| Drawing | Tolerance | Actual | Accept | Reject | Method of Inspection | Comments |
|-----------------------|---------------|-----------|--------|---------------------------------------|----------------------|----------|
| Dimension | | Dimension | | | mspection | |
| 0.150 | +/-0.010 | -140 | 1 | | | |
| 0.236 | +/-0.010 | -226 | | | | |
| 3.270 | +/-0.010 | 3270 | | | | |
| 3.020 | +/-0.010 | 3.020 | | | | |
| 2.135 | +/-0.010 | 2.135 | // | | | |
| 1.135 | +/-0.010 | 1-135 | | | | |
| 0.250 | +/-0.010 | .251 | 1 | | | |
| 1.00 | +/-0.030 | -996 | | | | |
| Ø0.128 | +0.005/-0.000 | .]29 | / | | | |
| Ø0.213 | +0.005/-0.000 | . 2B | | | | |
| C'sink 0.250 x 90° | +/-0.010 | .250x90° | | | | |
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| Measured by: | JL | Audited by: | M | Prototype Approval: | N/A |
|--------------|----------|-------------|----------|---------------------|-----|
| Date: | 06.02.04 | Date: | 06/02/04 | Date: | N/A |

| Rev | Date | Change | | Revised by | Approved |
|-----|----------|-----------|-----------|------------|----------|
| LA | 04.10.12 | New Issue | P/O D2582 | KJ/JLM | |

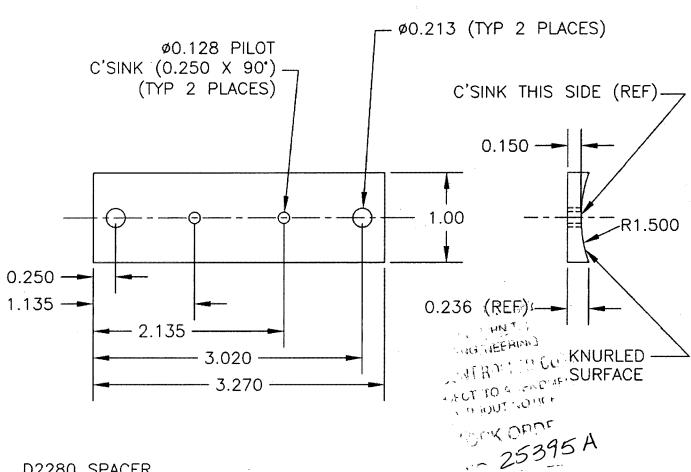
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| DESIGN DRAWN BY | | | DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA | | | | |
|-----------------|-------|------------|---|------|--|--|--|
| CHECH | (EO M | APPROVED A | DRAWING NO. REV. | D | | | |
| | # | # | D2280 SHEET 1 OF | - 1 | | | |
| DATE | | | TITLE SC/ | VLE. | | | |
| 05.1 | 1.14 | | SPACER | 1:1 | | | |
| Α | | 94.10.14 | NEW ISSUE | | | | |
| В | | 95.03.22 | MATERIAL CHANGE, 0.15 WAS 0.20 | · | | | |
| С | | 98.09.29 | 0.188 DIA HOLE CHANGED TO 0.213 | | | | |
| | | | | | | | |

05.11.14 | ADD FINISHING NOTE

RELEASE Sul 28 -



D

D2280 SPACER

- MATERIAL: ALUMINUM 6061-T6 (QQ-A-200/8) BAR, 0.250 X 1.000 (REF. DART SPEC M6061T6B1.000X00.250)
- ACID ETCH AND ALODINE PER DART QSI 005 4.1 2)
- 3) ALL DIMENSIONS ARE IN INCHES
- TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED

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